

COUNTRY USSR(Saratov Oblast)

DATE DISTR. 21 March 1952

**SUBJECT** Mechanical Plant No 2 at Saratov

NO OF PAGES 1

PLACE  
ACQUIRED

NO. OF ENCLS. 2  
(LISTED BELOW)

DATE OF INFO.

SUPPLEMENT TO  
REPORT NO.  25X1A

RETURN TO CIA  
LIBRARY

25X1X

1. Mechanical Plant No 2 (Mekhanicheski Zavod No 2), a plant manufacturing tractor parts, was on Chernishevskaya Street, south of a barracks building in Saratov and about 300 meters from the Volga River bank. This was an old plant which was expanded by the construction of three new buildings. Electricity was supplied by the SarGres power plant. Early in 1947, gas was piped to the foundry.
2. The plant comprised a foundry, a molding and dressing shop, a hardening shop, a machine shop, a small forge, a grinding shop for piston rings, a cylinder boring shop, a cogwheel section, a repair section, a tool-making shop, a boiler house, a transformer and gas distribution station, and three new buildings. The mechanical equipment consisted of Russian, German and American machines. \*
3. Until early in 1945, shells were turned in the plant. Tractor parts were manufactured in 1948 and 1949. The daily output was 400 to 600 engine pistons, 100 to 160 cylinder bushings, about 900 piston pins and about 100 differential gear wheels. Production included also piston rings, gear shafts, pinion wheels and other small parts. Large flywheels were manufactured after 1947. In 1948, about 80 flywheels were produced daily.
4. Mechanical Plant No 2 supplied the tank and tractor plant in Saratov. \*\* Pig iron as well as semifinished cogwheels and flywheels were delivered to the plant. In 1948 and 1949, the plant employed about 1,200 persons. Work was done in three shifts.

25X1A \*   Comment. For location and layout of the plant, see Annexes 1 and 2. Annex 1 is based on information supplied by all sources and on an aerial photograph of 30 September 1942.

25X1A \*\*            Comment. The tank and tractor plant mentioned is presumably the Tractor-detail Plant located northeast of the Saratov railroad station. According to one source, Plant No 2 was affiliated with Plant No 44, located in the southwestern section of Saratov.

2 Annexes: 2 sketches on ditto.

CLASSIFICATION CONFIDENTIAL

STATE	X	NAVY	X	NSRB	DISTRIBUTION			
ARMY	X	AIR	X	FBI				

Document No. \_\_\_\_\_  
 No Change In Class. ☒  
☐ Declassified  
 Class. Changed To: TS S C

*BEST COPY*  
*Available*

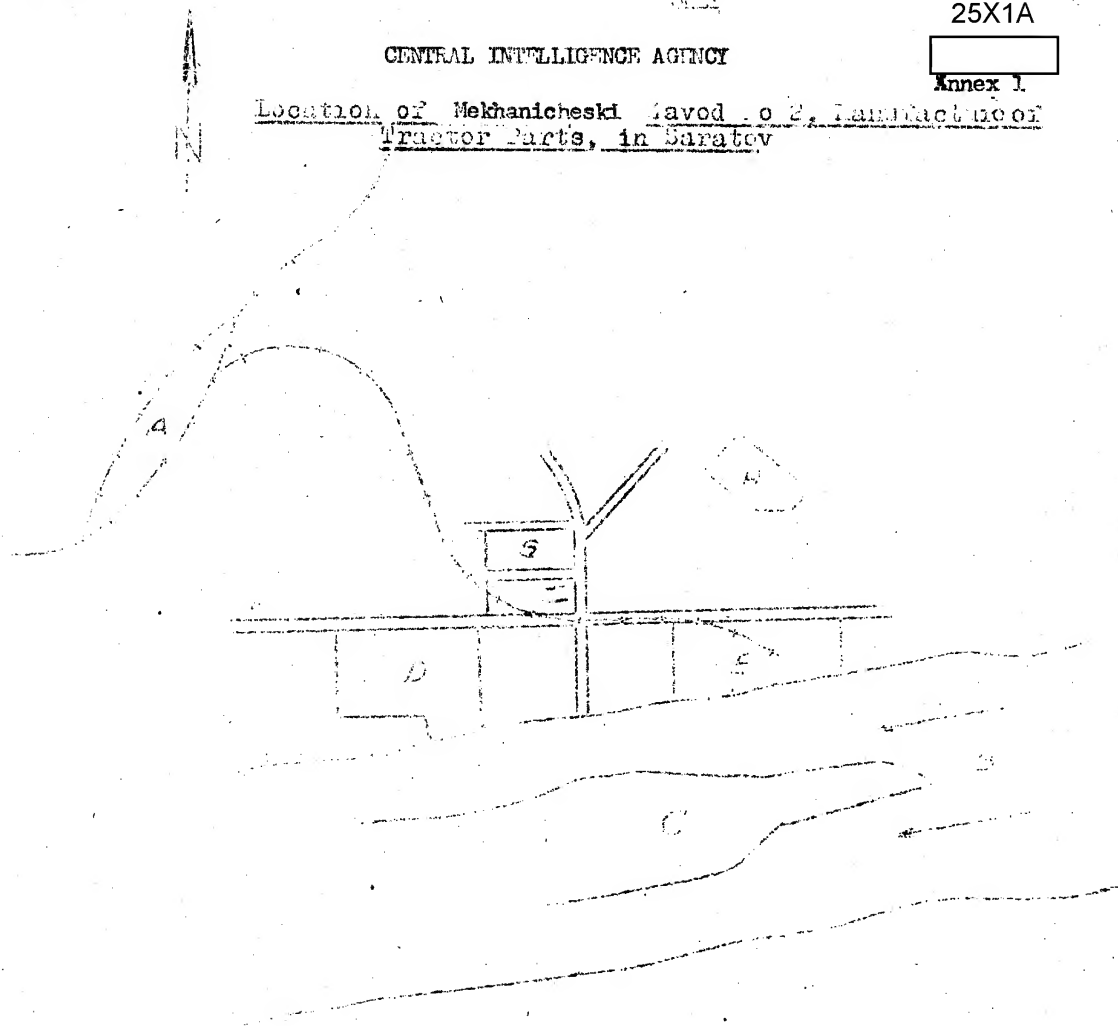
ONLY

25X1A

CENTRAL INTELLIGENCE AGENCY

Annex 1

Location of Mekhanicheski Zavod No 2, Manufacturer of Tractor Parts, in Saratov



Scale 1:25000

- A Saratov freight station
- B Volga river
- C Island
- D Station depot, saw mills and bread factories
- E Station depot, saw mills and bread factories
- F Chernishevskaya Street
- G Small wooden barracks building
- H Large wooden barracks building
- I Mekhanicheski Zavod No 2

CONFIDENTIAL

## Annex 2

A hand-drawn floor plan of a building, likely a school or institutional structure, showing various rooms and a central corridor. The plan is divided into sections by a diagonal line labeled 'B' and a horizontal line labeled 'A'.

The rooms and their approximate locations are:

- Room 20: Large rectangular room at the top.
- Room 17: Rectangular room on the right side, above room 16.
- Room 16: Long narrow vertical room on the right side.
- Room 15: Large rectangular room at the bottom right.
- Room 14: Rectangular room in the center, below room 17.
- Room 13: Small rectangular room at the bottom left.
- Room 12: Large rectangular room in the center, below room 14.
- Room 11: Small rectangular room in the center, to the left of room 14.
- Room 10: Small rectangular room in the center, to the right of room 11.
- Room 9: Small rectangular room in the center, to the right of room 11.
- Room 8: Small rectangular room in the center, to the right of room 11.
- Room 7: Rectangular room in the center, to the right of room 8.
- Room 6: Rectangular room in the center, to the left of room 8.
- Room 5: Rectangular room in the center, to the left of room 6.
- Room 4: Small rectangular room on the left side, below room 5.
- Room 3: Rectangular room on the left side, below room 4.
- Room 2: Rectangular room on the left side, below room 3.
- Room 1: Small rectangular room on the left side, below room 2.
- Room 18: Rectangular room on the right side, above room 16.
- Room 19: Rectangular room on the right side, below room 18.
- Room 22: Central corridor or open area connecting rooms 11, 10, 9, 8, and 7.

The plan is divided into sections by a diagonal line labeled 'B' and a horizontal line labeled 'A'.

Legend: See next page

5.000.000

CONFIDENTIAL

CENTRAL INTELLIGENCE AGENCY

Annex 2

Legend:

- A. Chernishevskaya Street.
- B. Industrial railroad line.
- C. Mekhanicheski Zavod No 2.
  - 1. Entrance gates.
  - 2. Three-story office building.
  - 3. Kitchen, club, etc., three-story building.
  - 4. Transformer station and gas distributing station.
  - 5. Foundry, dressing and molding shop equipped with two drying furnaces, 6 cylinder-casting machines and 10 piston-casting machines.
  - 6. Room containing three smelting furnaces, which were converted to gas heating during the period of observation.
  - 7. Hardening shop with two large and one small hardening furnace, one oil bath and one water bath.
  - 8. Small forge.
  - 9. Grinding shop for piston rings, with grinding machines of American make.
  - 10. Boiler house.
  - 11. Room used for packing piston rings.
  - 12. Cylinder-boring shop with about 100 machine tools, one material test shop and shipping department.
  - 13. Repair section.
  - 14. Section for final acceptance of all parts.
  - 15. Machine shop.
  - 16. Control office (Kontrollstellen).
  - 17. Cogwheel section equipped with about 10 milling machines, 3 horizontal milling machines, grinding machines and lathes.
  - 18. Material warehouse, new building, in use since early 1948.
  - 19. Tool-making shop, new building, in use since early 1948.
  - 20. New building. It was said that piston rings would be manufactured here. Production started in a small section of the workshop in October 1949, but the workshop had not been completed by November 1949.
  - 21. Refuse and scrap dump.
  - 22. Factory yard.

The department listed as items 5 to 17 consisted of many small interconnected buildings.

CONFIDENTIAL